

## **CHAPTER 4.0**

### **ENVIRONMENTAL ANALYSIS**

The analysis for each environmental issue area includes a description of the existing conditions within the study area, the significance criteria, an evaluation of how the specific resource would be affected by the proposed DMP Update, mitigation measures to reduce significant impacts, and residual impacts after mitigation. Alternatives to the proposed DMP Update are discussed in Chapter 7.0 (Alternatives).

As noted in Chapter 3.0 (Project Description), the DMP Update is a comprehensive planning document that serves to assess existing storm drain infrastructure and drainage areas, identify anticipated improvements and additional infrastructure required to accommodate storm flows resulting from future development within Carlsbad, and facilitate construction of individual identified drainage facilities.

Because the DMP Update is a planning document intended to guide drainage infrastructure activities for the next few decades, the overall level of evaluation in this EIR is programmatic. However, as discussed in Chapter 3.0, some of the components that are further along in the design process are evaluated at a project level (i.e., project components B and BN) relating to the dredging and improvements to Agua Hedionda and Calavera creeks.

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